

Date Mailed: March 20, 2002

Sheet 1 of 3

<b>FORM PTO-149</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 6683.47US11	Application Number: 09/921,008
	Applicant: SCHMIEL ET AL.	
	Filing Date: 08/02/2001	Group Art Unit: 3731

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	3,848,601	11/19/1974	Ma et al.			
	4,501,269	02/26/1985	Bagby			
	4,653,481	03/31/1987	Howland et al.			
	4,743,256	05/10/1988	Brantigan			
	4,805,602	02/21/1989	Puno et al.			
	4,834,757	05/30/1989	Brantigan			
	4,877,020	10/31/1989	Vich			
	4,961,740	10/09/1990	Ray et al.			
	5,000,165	03/19/1991	Watanabe			
	5,015,247	05/14/1991	Michelson			
	5,015,255	05/14/1991	Kuslich			
	5,026,373	06/25/1991	Ray et al.			
	5,055,104	10/08/1991	Ray			
	5,306,275	04/26/1994	Bryan			
	5,458,638	10/17/1995	Kuslich et al.			
	5,484,437	01/16/1996	Michelson			
	5,484,638	01/16/1996	Crabtree			
	5,489,307	02/06/1996	Kuslich et al.			
	5,489,308	02/06/1996	Kuslich et al.			
	5,549,608	08/27/1996	Errico et al.			
	5,505,732	04/09/1996	Michelson			
	5,554,157	09/10/1996	Errico et al.			
	5,586,984	12/24/1996	Errico et al.			
	5,609,636	03/11/1997	Kohrs et al.			
	5,645,598	07/08/1997	Brosnahan, III			
	5,658,337	08/19/1997	Kohrs et al.			
	5,722,977	03/03/1998	Wilhelmy			
RL	5,741,253	04/21/1998	Michelson			

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EXAMINER <i>Ralph [Signature]</i>	DATE CONSIDERED <i>Nov 3, 2003</i>
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 6683.47US11	Application Number: 09/921,008
	Applicant: SCHMIEL ET AL.	
	Filing Date: 08/02/2001	Group Art Unit: 3731

7L	5,749,916	05/12/1998	Richelsoph		
	5,772,661	06/30/1998	Michelson		
	5,797,909	08/25/1998	Michelson		
	5,860,973	01/19/1999	Michelson		
	5,863,293	01/26/1999	Richelsoph		
	5,865,847	02/02/1999	Kohrs et al.		
	5,928,242	07/27/1999	Kuslich et al.		
	5,947,971	09/07/1999	Kuslich et al.		
	5,964,760	10/12/1999	Richelsoph		
RL	6,010,503	01/04/2000	Richelsoph et al.		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
7L	0 307 241 A2	03/15/1989	EP				
	WO 98/48738	11/05/1998	PCT				
	WO 99/59481	11/25/1999	PCT				
	WO 01/28437 A3	04/26/2001	PCT				
RL	WO 01/62166 A2	08/30/2001	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

7L	Brochure "Posterior 4022 Paddle Tube Surgical Technique, BAK™ Lumbar Interbody Fusion System", <i>SulzerMedica Sulzer Spine-Tech</i> , 25 pgs., (1998).
	Brochure "Posterior 4022 Tooth Tube Surgical Technique, "BAK™ Lumbar Interbody Fusion System", <i>SulzerMedica Sulzer Spine-Tech</i> , 26 pgs., (1998).
	Brochure "Spine Care Sulzer Spine-Tech Surgical Technique For Posterior Lumbar Fixation, Silhouette", <i>SulzerMedica Sulzer Spine-Tech</i> , 23 pages (1999).
	Declaration of Daniel G. Schmiel and Brochure "Spine Care Sulzer Spine-Tech, POLAR™ Instrumentation Surgical Technique", <i>SulzerMedica Sulzer Spine-Tech</i> , 9 pgs. (2000).
	Brantigan et al., "Posterior Lumbar Interbody Fusion Technique Using The Variable Screw Placement Spinal Fixation System", <i>State of the Art Reviews</i> , Vol. 6, No. 1, pp. 175-200 (January 1992).
	Cheng, B. et al., "Biomechanical Evaluation Of Transforaminal Oblique Cage Stability", <i>North American Spine Society Proceedings, 14th Annual Meeting</i> , 3 pgs. (October 1999).
	Harnes, J. et al., "Instrumented Spinal Surgery, Principles and Techniques", <i>Thieme</i> pp. 136-139 (Date Unknown).
7L	Patel, A. et al., "Posterior Lumbar Interbody Fusion With Metal Cages: Current Techniques", <i>Operative Techniques In Orthopaedics</i> , Vol 10, No. 4, pp. 311-319 (October, 2000).

EXAMINER <i>R. L. Schmiel</i>	DATE CONSIDERED <i>Nov 3, 2003</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 6683.47US11	Application Number: 09/921,008
	Applicant: SCHMIEL ET AL.	
	Filing Date: 08/02/2001	Group Art Unit: 3731

RL	Puno, R. et al., "The Puno-Winter-Byrd (PWB) Spinal System for Transpedicular Fixation of the Lumbar Spine", pp. 281296 (March 18, 1997)
RL	Zhao, J. et al., "Posterior Lumbar Interbody Fusion Using Posterolateral Placement Of A Single Cylindrical Threaded Cage", SPINE, Vol. 25, No. 4, pp. 425-430 (February 2000).



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EXAMINER <i>RL</i>	DATE CONSIDERED <i>Nov 03, 2003</i>
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Date Mailed: May 22, 2003

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 6683.47USII	Application Number: 09/921,008
	Applicant: SCHMIEL	
	Filing Date: August 2, 2001	Group Art Unit: 3732

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	5,357,983	10/25/1994	Mathews			
	5,534,031	07/09/1996	Matsuzaki et al.			
	5,584,831	12/17/1996	McKay			
	5,776,196	07/07/1998	Matsuzaki et al.			
	5,800,550	9/1/1998	Sertich			
RL	5,984,922	11/16/1999	McKay			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)




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EXAMINER <i>RL</i>	DATE CONSIDERED <i>Nov 03, 2003</i>
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